

**OPINION 2217 (Case 3389)*****Heterocarpus gibbosus* Bate, 1888 (Crustacea, Decapoda, PANDALIDAE): replacement of the holotype by a neotype**

**Abstract.** The holotype of the deep-sea pandalid prawn *Heterocarpus gibbosus* Bate, 1888 is extremely poorly preserved. With this ruling it is replaced with a recently collected neotype from the type locality in the Philippines.

**Keywords.** Nomenclature; taxonomy; Decapoda; PANDALIDAE; *Heterocarpus gibbosus*; Philippines; pandalid prawn.

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**Ruling**

- (1) Under the plenary power it is hereby ruled that all previous type fixations for the nominal species *gibbosus* Bate, 1888, as published in the binomen *Heterocarpus gibbosus*, are set aside and specimen NHM 2006.1216, Bohol Sea, 'Panglao 2005' at the Natural History Museum, London is designated as the neotype.
- (2) The name *gibbosus* Bate, 1888, as published in the binomen *Heterocarpus gibbosus* and as defined by the neotype designated in (1) above, is hereby placed on the Official List of Specific Names in Zoology.

**History of Case 3389**

An application was received from X. Li (*Institute of Oceanology, Chinese Academy of Sciences, Qingdao, China*), T.-Y. Chan (*National Taiwan Ocean University, Taiwan*) and P.K.L. Ng (*National University of Singapore, Republic of Singapore*) on 31 May 2006 to replace the poorly preserved holotype of the deep-sea pandalid prawn *Heterocarpus gibbosus* Bate, 1888 with a recently collected neotype from the type locality in the Philippines. After correspondence the case was published in BZN 64: 155–159. The title, abstract and keywords of the case were published on the Commission's website. No comments on this case were received.

**Decision of the Commission**

On 1 June 2008 the members of the Commission were invited to vote on the proposals published in BZN 64: 158–159. At the close of the voting period on 1 September 2008 the votes were as follows:

Affirmative votes – 15: Alonso-Zarazaga, Bouchet, Brothers, Fautin, Grygier, Halliday, Kottelat, Krell, Kullander, Lamas, Pape, Papp, Rosenberg, van Tol and Zhang.

Negative votes – 2: Bogutskaya and Lim.

No vote was received from Ng. Minelli, Patterson, Pyle and Štys were on leave of absence.

Kullander, voting FOR, said that he fully appreciated that the type specimen appeared to be useless.

**Original references**

The following is the original reference to the name placed on the Official List by the ruling given in the present Opinion:

*gibbosus*, *Heterocarpus*, Bate, 1888, *Report on the scientific results of the voyage of H.M.S. Challenger during the years 1873–1876*, vol. 24, part 52, p. 634.

The following is the reference for the description of the neotype:

**Li, X., Chan, T.-Y. & Ng, P.K.L.** 2007. *Bulletin of Zoological Nomenclature*, **64**(3): 158.